

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 7 :

H01T 23/00

A1

(11) International Publication Number:

WO 00/38288

(43) International Publication Date:

29 June 2000 (29.06.00)

(21) International Application Number: PCT/US99/30521

(22) International Filing Date: 22 December 1999 (22.12.99)

(30) Priority Data:

60/113,211

22 December 1998 (22.12.98) US

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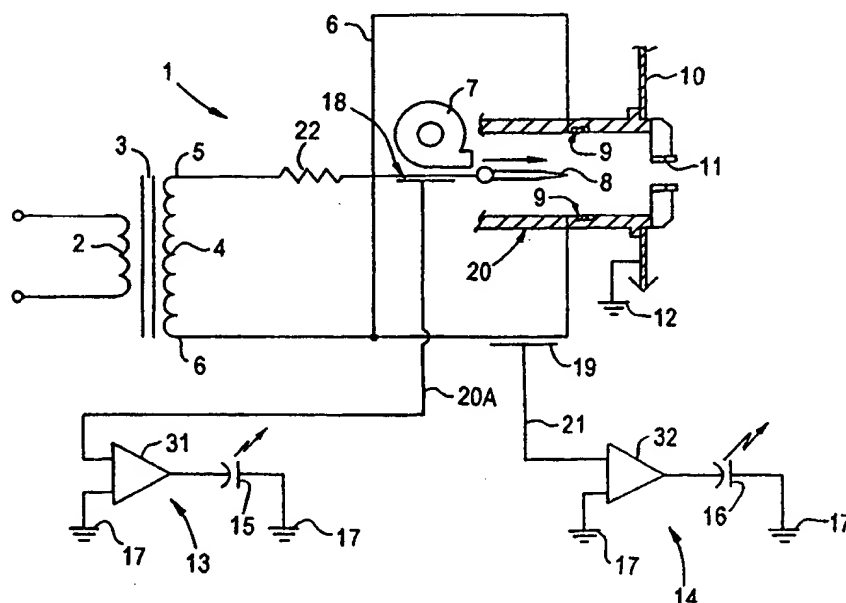
(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published

With international search report.

Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

(54) Title: SELF-BALANCING IONIZER MONITOR



(57) Abstract

A monitor apparatus and corresponding method of monitoring high voltage alternating current in the emitter and reference circuits of ionizers. The monitor is capacitively coupled to the emitter and reference circuits to detect faults without affecting the ionizer operation. Faults are displayed on a light emitting diode display. In an alternative embodiment, faults may be indicated by output signals. The output signals are used to automatically adjust the ionizer operation.